



REPLACEMENT 1449

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

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APPLICATION NO.

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APPLICANT

Ensoli

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GROUP

1648

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A01						
	A02						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	B01							
	B02							

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	C14	Agostini et al. Interleukin-15 triggers activation and growth of the CD8 T-cell pool in extravascular tissues of patients with acquired immunodeficiency syndrome. Blood. 1997 Aug 1;90(3):1115-23
	C15	Albini et al. Angiogenic properties of human immunodeficiency virus type 1 Tat protein. Proc Natl Acad Sci U S A. 1995 May 23;92(11):4838-42
	C16	Allan et al. A new HTLV-III/LAV encoded antigen detected by antibodies from AIDS patients. Science. 1985 Nov 15;230(4727):810-3
	C17	Harlow et al, Eds., <i>Antibodies - A Laboratory Manual</i> , Cold Spring Harbor Laboratory, 1988
	C18	Arya et al. Trans-activator gene of human T-lymphotropic virus type III (HTLV-III). Science. 1985 Jul 5;229(4708):69-73
	C19	Ariyoshi et al. HIV-2-specific cytotoxic T-lymphocyte activity is inversely related to proviral load. AIDS. 1995 Jun;9(6):555-9
	C20	Audibert and Lise, Adjuvants: current status, clinical perspectives and future prospects. Immunol Today. 1993 Jun;14(6):281-4
	C21	Badolato et al. Interleukin-15 (IL-15) induces IL-8 and monocyte chemotactic protein 1 production in human monocytes. Blood. 1997 Oct 1;90(7):2804-9
	C22	Barillari et al. Effects of cytokines from activated immune cells on vascular cell growth and HIV-1 gene expression. Implications for AIDS-Kaposi's sarcoma pathogenesis. J Immunol. 1992 Dec 1;149(11):3727-34
	C23	Barillari et al. The Tat protein of human immunodeficiency virus type 1, a growth factor for AIDS Kaposi sarcoma and cytokine-activated vascular cells, induces adhesion of the same cell types by using integrin receptors recognizing the RGD amino acid sequence. Proc Natl Acad Sci U S A. 1993 Sep 1;90(17):7941-5
	C24	Blomberg and Ulfstedt, Fluorescent europium chelates as target cell markers in the assessment of natural killer cell cytotoxicity. J Immunol Methods. 1993 Mar 15;160(1):27-34
	C25	Blomberg K. Simultaneous measurement of natural killer cell cytotoxicity against each of three different target cell lines. J Immunol Methods. 1994 Feb 10;168(2):267-73
	C26	Blomberg et al. Time-resolved fluorometric assay for natural killer activity using target cells labelled with a fluorescence enhancing ligand. J Immunol Methods. 1996 Jun 21;193(2):199-206
	C27	Bohan et al. Analysis of Tat transactivation of human immunodeficiency virus transcription in vitro. Gene Expr. 1992;2(4):391-407

C28	Bourgault et al. Three epitopic peptides of the simian immunodeficiency virus Nef protein recognized by macaque cytolytic T lymphocytes. <i>J Virol.</i> 1992 Feb;66(2):750-6
C29	Boyer et al. Protection of chimpanzees from high-dose heterologous HIV-1 challenge by DNA vaccination. <i>Nat Med.</i> 1997 May;3(5):526-32
C30	Bruisten et al. Concordance of human immunodeficiency virus detection by polymerase chain reaction and by serologic assays in a Dutch cohort of seronegative homosexual men. <i>J Infect Dis.</i> 1992 Sep;166(3):620-2
C31	Buseyne et al. Gag-specific cytotoxic T lymphocytes from human immunodeficiency virus type 1-infected individuals: Gag epitopes are clustered in three regions of the p24gag protein. <i>J Virol.</i> 1993 Feb;67(2):694-702
C32	Butera et al. Oscillation of the human immunodeficiency virus surface receptor is regulated by the state of viral activation in a CD4+ cell model of chronic infection. <i>J Virol.</i> 1991 Sep;65(9):4645-53
C33	Butera et al. Human immunodeficiency virus type 1 RNA expression by four chronically infected cell lines indicates multiple mechanisms of latency. <i>J Virol.</i> 1994 Apr;68(4):2726-30
C34	Cafaro et al. T-cell activation of HIV-infected mothers and their susceptible children. <i>AIDS Res Hum Retroviruses.</i> vol 7, n.2: 204, 1991
C35	Carroll et al. Differential regulation of HIV-1 fusion cofactor expression by CD28 costimulation of CD4+ T cells. <i>Science.</i> 1997 Apr 11;276(5310):273-6
C36	Carson et al. A potential role for interleukin-15 in the regulation of human natural killer cell survival. <i>J Clin Invest.</i> 1997 Mar 1;99(5):937-43
C37	Chang et al. Regulation of Cellular Gene Expression and Function by the Human Immunodeficiency Virus Type 1 Tat Protein. <i>J Biomed Sci.</i> 1995 Aug;2(3):189-202
C38	Chang et al. HIV-1 Tat protein exits from cells via a leaderless secretory pathway and binds to extracellular matrix-associated heparan sulfate proteoglycans through its basic region. <i>AIDS.</i> 1997 Oct;11(12):1421-31
C39	Chavany et al. Adsorption of oligonucleotides onto polyisohexylcyanoacrylate nanoparticles protects them against nucleases and increases their cellular uptake. <i>Pharm Res.</i> 1994 Sep;11(9):1370-8
C40	Chen et al. Cytotoxic T lymphocytes do not appear to select for mutations in an immunodominant epitope of simian immunodeficiency virus gag. <i>J Immunol.</i> 1992 Dec 15;149(12):4060-6
C41	Chiarantini et al. Red blood cells as delivery system for recombinant HSV-1 glycoprotein B: immunogenicity and protection in mice. <i>Vaccine.</i> 1997 Feb;15(3):276-80
C42	Chiarantini et al. AIDS vaccination studies using an ex vivo feline immunodeficiency virus model: homologous erythrocytes as a delivery system for preferential immunization with putative protective antigens. <i>Clin Diagn Lab Immunol.</i> 1998 Mar;5(2):235-41
C43	Chirmule et al. Human immunodeficiency virus Tat induces functional unresponsiveness in T cells. <i>J Virol.</i> 1995 Jan;69(1):492-8
C44	Choppin et al. HLA-binding regions of HIV-1 proteins. I. Detection of seven HLA binding regions in the HIV-1 Nef protein. <i>J Immunol.</i> 1991 Jul 15;147(2):569-74
C45	Corallini et al. Systemic expression of HIV-1 tat gene in transgenic mice induces endothelial proliferation and tumors of different histotypes. <i>Cancer Res.</i> 1993 Nov 15;53(22):5569-75
C46	Culmann et al.. Six epitopes reacting with human cytotoxic CD8+ T cells in the central region of the HIV-1 NEF protein. <i>J Immunol.</i> 1991 Mar 1;146(5):1560-5
C47	Couillin et al. Impaired cytotoxic T lymphocyte recognition due to genetic variations in the main immunogenic region of the human immunodeficiency virus 1 NEF protein. <i>J Exp Med.</i> 1994 Sep 1;180(3):1129-34
C48	Danko and Wolff. Direct gene transfer into muscle. <i>Vaccine.</i> 1994 Dec;12(16):1499-502
C49	Di Fabio et al. Vaginal immunization of Cynomolgus monkeys with <i>Streptococcus gordonii</i> expressing HIV-1 and HPV 16 antigens. <i>Vaccine.</i> 1998 Mar;16(5):485-92
C50	Ensoli et al., IV International Conference on AIDS, Stockholm, 3087:241 (1988)
C51	Ensoli et al. Tat protein of HIV-1 stimulates growth of cells derived from Kaposi's sarcoma lesions of AIDS patients. <i>Nature.</i> 1990 May 3;345(6270):84-6
C52	Ensoli et al. Release, uptake, and effects of extracellular human immunodeficiency virus type 1 Tat protein on cell growth and viral transactivation. <i>J Virol.</i> 1993 Jan;67(1):277-87
C53	Ensoli et al. Synergy between basic fibroblast growth factor and HIV-1 Tat protein in induction of Kaposi's sarcoma. <i>Nature.</i> 1994 Oct 20;371(6499):674-80

C54	Ensoli et al., <i>AIDS Updates</i> , Eds. V. De Vita Jr., Hellman S., Rosenberg S.A., Lippincott J. B., 7:1 (1994), Philadelphia
C55	Felber et al. rev protein of human immunodeficiency virus type 1 affects the stability and transport of the viral mRNA. <i>Proc Natl Acad Sci U S A</i> . 1989 Mar;86(5):1495-9
C56	Fine and Dingman, Hypersensitivity dermatitis following suction-assisted lipectomy: a complication of local anesthetic. <i>Ann Plast Surg</i> . 1988 Jun;20(6):573-5
C57	Fiorelli et al. Cytokines from activated T cells induce normal endothelial cells to acquire the phenotypic and functional features of AIDS-Kaposi's sarcoma spindle cells. <i>J Clin Invest</i> . 1995 Apr;95(4):1723-34
C58	Folks et al. Cytokine-induced expression of HIV-1 in a chronically infected promonocyte cell line. <i>Science</i> . 1987 Nov 6;238(4828):800-2
C59	Franchini et al. Cytoplasmic localization of the HTLV-III 3' orf protein in cultured T cells. <i>Virology</i> . 1986 Dec;155(2):593-9
C60	Frankel and Pabo, Cellular uptake of the tat protein from human immunodeficiency virus. <i>Cell</i> . 1988 Dec 23;55(6):1189-93
C61	Fugier-Vivier et al. Measles virus suppresses cell-mediated immunity by interfering with the survival and functions of dendritic and T cells. <i>J Exp Med</i> . 1997 Sep 15;186(6):813-23
C62	Gait MJ, Karu J: RNA recognition by the human immunodeficiency virus Tat and Rev proteins. <i>Trends Biochem Sci</i> 1993;18:255-259
C63	Glorioso et al. Development and application of herpes simplex virus vectors for human gene therapy. <i>Annu Rev Microbiol</i> . 1995;49:675-710
C64	Gombert et al. Antigenic epitopes of NEF proteins from different HIV-1 strains as recognized by sera from patients with manifest and latent HIV infection. <i>Virology</i> . 1990 Jun;176(2):458-66
C65	Goletti et al. Effect of cellular differentiation on cytokine-induced expression of human immunodeficiency virus in chronically infected promonocytic cells: dissociation of cellular differentiation and viral expression. <i>J Virol</i> . 1995 Apr;69(4):2540-6
C66	Gorman et al. Recombinant genomes which express chloramphenicol acetyltransferase in mammalian cells. <i>Mol Cell Biol</i> . 1982 Sep;2(9):1044-51
C67	Grabstein et al. Cloning of a T cell growth factor that interacts with the beta chain of the interleukin-2 receptor. <i>Science</i> . 1994 May 13;264(5161):965-8.
C68	Grosjean et al. Measles virus infects human dendritic cells and blocks their allostimulatory properties for CD4+ T cells. <i>J Exp Med</i> . 1997 Sep 15;186(6):801-12.
C69	Guy et al. HIV F/3' orf encodes a phosphorylated GTP-binding protein resembling an oncogene product. <i>Nature</i> . 1987 Nov 19-25;330(6145):266-9
C70	Harrer et al. Strong cytotoxic T cell and weak neutralizing antibody responses in a subset of persons with stable nonprogressing HIV type 1 infection. <i>AIDS Res Hum Retroviruses</i> . 1996 May 1;12(7):585-92
C71	Harrich et al. Tat is required for efficient HIV-1 reverse transcription. <i>EMBO J</i> . 1997 Mar 17;16(6):1224-35
C72	Hinkula et al. Recognition of prominent viral epitopes induced by immunization with human immunodeficiency virus type 1 regulatory genes. <i>J Virol</i> . 1997 Jul;71(7):5528-39
C73	Haneberg et al. Induction of specific immunoglobulin A in the small intestine, colon-rectum, and vagina measured by a new method for collection of secretions from local mucosal surfaces. <i>Infect Immun</i> . 1994 Jan;62(1):15-23
C74	Huang et al. Human immunodeficiency viruses regulated by alternative trans-activators: genetic evidence for a novel non-transcriptional function of Tat in virion infectivity. <i>EMBO J</i> . 1994 Jun 15;13(12):2886-96
C75	Huard et al. Herpes simplex virus type 1 vector mediated gene transfer to muscle. <i>Gene Ther</i> . 1995 Aug;2(6):385-92
C76	Igarashi et al. Persistent infection with SIVmac chimeric virus having tat, rev, vpu, env and nef of HIV type 1 in macaque monkeys. <i>AIDS Res Hum Retroviruses</i> . 1994 Aug;10(8):1021-9
C77	Jonuleit et al. Induction of IL-15 messenger RNA and protein in human blood-derived dendritic cells: a role for IL-15 in attraction of T cells. <i>J Immunol</i> . 1997 Mar 15;158(6):2610-5
C78	Jullien et al.. IL-15, an immunomodulator of T cell responses in intracellular infection. <i>J Immunol</i> . 1997 Jan 15;158(2):800-6.
C79	Kanai et al. IL-15 stimulates the expansion of AIDS virus-specific CTL. <i>J Immunol</i> . 1996 Oct 15;157(8):3681-7
C80	Karlsson et al. Characterization of molecularly cloned simian-human immunodeficiency viruses causing rapid CD4+

		lymphocyte depletion in rhesus monkeys. J Virol. 1997 Jun;71(6):4218-25
	C81	Kashanchi et al. Interaction of human immunodeficiency virus type 1 Tat with a unique site of TFIID inhibits negative cofactor Dr1 and stabilizes the TFIID-TFIIA complex. J Virol. 1996 Aug;70(8):5503-10
	C82	Kestler et al. Induction of AIDS in rhesus monkeys by molecularly cloned simian immunodeficiency virus. Science. 1990 Jun 1;248(4959):1109-12
	C83	Kim et al. The HIV tat gene transforms human keratinocytes. Oncogene. 1992 Aug;7(8):1525-9
	C84	Koup et al. Temporal association of cellular immune responses with the initial control of viremia in primary human immunodeficiency virus type 1 syndrome. J Virol. 1994 Jul;68(7):4650-5
	C85	Krisky et al. Rapid method for construction of recombinant HSV gene transfer vectors. Gene Ther. 1997 Oct;4(10):1120-5
	C86	Kuklin et al. Modulation of mucosal and systemic immunity by enteric administration of nonreplicating herpes simplex virus expressing cytokines. Virology. 1998 Jan 20;240(2):245-53
	C87	Pozzi et al., <i>Gram-Positive Bacteria as Vaccine vehicles for mucosal immunization</i> . Pozzi and Wells eds., Landes Austin, pp 107, (1997)
	C88	Lanzavecchia A. Identifying strategies for immune intervention. Science. 1993 May 14;260(5110):937-44
	C89	Lasic, D. D., and D. Needham. The "stealth" liposome: a prototypical biomaterial. Chem Revs. 95:2601-2628 (1995)
	C90	M. Laus, C. Dinnella, M. Zannoni, G. Lanzarini, A. Casagrande. Functional Particles by Dispersion Polymerization 2: Synthesis and Characterization of Core Shell Microspheres. Polymer. 37:343 (1996)
	C91	Dinnella C., Laus M., Lanzarini G., Doria M. Functional particles by dispersion polymerization 4: Double shell tunable surface microspheres for selective enzyme adsorption. Polymers for Adv Techn. 7:548 (1996)
	C92	Lehner et al. Mucosal model of genital immunization in male rhesus macaques with a recombinant simian immunodeficiency virus p27 antigen. J Virol. 1994 Mar;68(3):1624-32
	C93	Levine et al. Antiviral effect and ex vivo CD4+ T cell proliferation in HIV-positive patients as a result of CD28 costimulation. Science. 1996 Jun 28;272(5270):1939-43
	C94	Lewis et al., <i>Vaccine Protocol</i> . Robinson et al. Eds., Human Press, Totowa, New Jersey (1996)
	C95	Li et al. Tat protein induces self-perpetuating permissivity for productive HIV-1 infection. Proc Natl Acad Sci U S A. 1997 Jul 22;94(15):8116-20
	C96	Li et al. Infection of cynomolgus monkeys with a chimeric HIV-1/SIVmac virus that expresses the HIV-1 envelope glycoproteins. J Acquir Immune Defic Syndr. 1992;5(7):639-46
	C97	Li et al. Induction of apoptosis in uninfected lymphocytes by HIV-1 Tat protein. Science. 1995 Apr 21;268(5209):429-31
	C98	Littau et al. An HLA-C-restricted CD8+ cytotoxic T-lymphocyte clone recognizes a highly conserved epitope on human immunodeficiency virus type 1 gag. J Virol. 1991 Aug;65(8):4051-6
	C99	Bengtsson and Sjolander, Adjuvant activity of iscoms; effect of ratio and co-incorporation of antigen and adjuvant. Vaccine. 1996 Jun;14(8):753-60
	C100	Lu et al. Simian immunodeficiency virus DNA vaccine trial in macaques. J Virol. 1996 Jun;70(6):3978-91
	C101	Lubaki et al. Characterization of a polyclonal cytolytic T lymphocyte response to human immunodeficiency virus in persons without clinical progression. J Infect Dis. 1997 Jun;175(6):1360-7
	C102	Lucey et al. In vitro immunologic and virologic effects of interleukin 15 on peripheral blood mononuclear cells from normal donors and human immunodeficiency virus type 1-infected patients. Clin Diagn Lab Immunol. 1997 Jan;4(1):43-8
	C103	Luciw et al. Persistent infection of rhesus macaques with T-cell-line-tropic and macrophage-tropic clones of simian/human immunodeficiency viruses (SHIV). Proc Natl Acad Sci U S A. 1995 Aug 1;92(16):7490-4
	C104	Magnani et al. Red blood cells as an antigen-delivery system. Biotechnol Appl Biochem. 1992 Oct;16(2):188-94.
	C105	Magnani et al. Preparation and characterization of biotinylated red blood cells. Biotechnol Appl Biochem. 1994 Dec;20 (Pt 3):335-45
	C106	Malim et al. The HIV-1 rev trans-activator acts through a structured target sequence to activate nuclear export of unspliced viral mRNA. Nature. 1989 Mar 16;338(6212):254-7
	C107	Mann and Frankel, Endocytosis and targeting of exogenous HIV-1 Tat protein. EMBO J. 1991 Jul;10(7):1733-9

C108	Marconi et al. Replication-defective herpes simplex virus vectors for gene transfer in vivo. Proc Natl Acad Sci U S A. 1996 Oct 15;93(21):11319-20
C109	Marcuzzi et al. Transcellular activation of the human immunodeficiency virus type 1 long terminal repeat in cocultured lymphocytes. J Virol. 1992 Jul;66(7):4228-32
C110	McLean et al. Protective vaccination against primary and recurrent disease caused by herpes simplex virus (HSV) type 2 using a genetically disabled HSV-1. J Infect Dis. 1994 Nov;170(5):1100-9
C111	McLean et al. Induction of a protective immune response by mucosal vaccination with a DISC HSV-1 vaccine. Vaccine. 1996 Jul;14(10):987-92
C112	McFarland et al. High frequency of Gag- and envelope-specific cytotoxic T lymphocyte precursors in children with vertically acquired human immunodeficiency virus type 1 infection. J Infect Dis. 1994 Oct;170(4):766-74
C113	Medaglini et al. Mucosal and systemic immune responses to a recombinant protein expressed on the surface of the oral commensal bacterium Streptococcus gordonii after oral colonization. Proc Natl Acad Sci U S A. 1995 Jul 18;92(15):6868-72
C114	Medaglini et al. Commensal bacteria as vectors for mucosal vaccines against sexually transmitted diseases: vaginal colonization with recombinant streptococci induces local and systemic antibodies in mice. Vaccine. 1997 Aug-Sep;15(12-13):1330-7
C115	Medaglini D, Ricci S, Maggi T, Rush CM, Manganelli R, Oggioni MR, Pozzi G: Recombinant Gram-positive bacteria as vehicles of vaccine antigens. Biotechnol Annu Rev 1997, 3:297-312
C116	Medaglini et al. Vaginal immunization with recombinant gram-positive bacteria. Am J Reprod Immunol. 1998 Mar;39(3):199-208
C117	Meyerhans et al. Temporal fluctuations in HIV quasispecies in vivo are not reflected by sequential HIV isolations. Cell. 1989 Sep 8;58(5):901-10
C118	Morein et al. Mechanisms behind the immune response induced by immunostimulating complexes. AIDS Res Hum Retroviruses. 1994;10 Suppl 2:S109-14
C119	Molecular cloning - A laboratory manual; Eds. Maniatis T., Fritsch E.F., Sambrook J., Cold spring Harbor Laboratory, Cold Spring Harbor, New York (1992)
C120	Molecular cloning - A laboratory manual; Eds. Maniatis T., Fritsch E.F., Sambrook J., Cold spring Harbor Laboratory, Cold Spring Harbor, New York (1992)
C121	Human Retroviruses and AIDS 1993: A Compilation and Analysis of Nucleic Acid and Amino Acid Sequences. Myers G, Korber B, Wain-Hobson S and Smith RF, Eds. Theoretical Biology and Biophysics Group, Los Alamos National Laboratory, Los Alamos, NM
C122	Human Retroviruses and AIDS 1995: A Compilation and Analysis of Nucleic Acid and Amino Acid Sequences. Myers G, Korber B, Hahn BH, Jeang K-T, Mellors JW, McCutchan FE, Henderson LE and Pavlakis GN, Eds. Theoretical Biology and Biophysics Group, Los Alamos National Laboratory, Los Alamos, NM
C123	Neuveut and Jeang. Recombinant human immunodeficiency virus type 1 genomes with tat unconstrained by overlapping reading frames reveal residues in Tat important for replication in tissue culture. J Virol. 1996 Aug;70(8):5572-81.
C124	Nietfield et al. Sequence constraints and recognition by CTL of an HLA-B27-restricted HIV-1 gag epitope. J Immunol. 1995 Mar 1;154(5):2189-97
C125	Nixon et al. HIV-1 gag-specific cytotoxic T lymphocytes defined with recombinant vaccinia virus and synthetic peptides. Nature. 1988 Dec 1;336(6198):484-7
C126	Oggioni et al. Immunization of mice by oral colonization with live recombinant commensal streptococci. Vaccine. 1995;13(8):775-9
C127	Oggioni et al. A host-vector system for heterologous gene expression in Streptococcus gordonii. Gene. 1996 Feb 22;169(1):85-90
C128	O'Hagan et al., <i>Novel Delivery Systems for Oral Vaccines</i> , Eds., H'Hagan D. T. CRC Press, Boca Raton, FL, pp 176 (1994)
C129	Parslow, <i>Human Retroviruses</i> , Cullen B.R. Ed., IRL Press, Oxford, England, pp 101 (1993)
C130	Pilkington et al. Recombinant human Fab antibody fragments to HIV-1 Rev and Tat regulatory proteins: direct selection from a combinatorial phage display library. Mol Immunol. 1996 Mar-Apr;33(4-5):439-50.
C131	Pozzi et al., in <i>Gram-Positive Bacteria as Vaccine Vehicles for Mucosal Immunization</i> . Pozzi & Well Eds., Landes, Austin, pp 35, (1997)

C132	Puri and Aggarwal, Human immunodeficiency virus type 1 tat gene up-regulates interleukin 4 receptors on a human B-lymphoblastoid cell line. <i>Cancer Res.</i> 1992 Jul 1;52(13):3787-90
C133	Puri et al., Constitutive expression of human immunodeficiency virus type 1 tat gene inhibits interleukin 2 and interleukin 2 receptor expression in a human CD4+ T lymphoid (H9) cell line. <i>AIDS Res Hum Retroviruses.</i> 1995 Jan;11(1):31-40
C134	Quesada-Rolander et al., Abs. # 6-S1, 2 nd European Conference on Experimental AIDS Research, Stockholm, Sweden, May 31-June 3, (1997)
C135	Quinn et al. Interleukin-15 stimulates C2 skeletal myoblast differentiation. <i>Biochem Biophys Res Commun.</i> 1997 Oct 9;239(1):6-10
C136	Ratner et al. Complete nucleotide sequence of the AIDS virus, HTLV-III. <i>Nature.</i> 1985 Jan 24-30;313(6000):277-84
C137	Re et al. Effect of antibody to HIV-1 Tat protein on viral replication in vitro and progression of HIV-1 disease in vivo. <i>J Acquir Immune Defic Syndr Hum Retrovirol.</i> 1995 Dec 1;10(4):408-16
C138	Joag et al. Chimeric simian/human immunodeficiency virus that causes progressive loss of CD4+ T cells and AIDS in pig-tailed macaques. <i>J Virol.</i> 1996 May;70(5):3189-97
C139	Reimann et al. A chimeric simian/human immunodeficiency virus expressing a primary patient human immunodeficiency virus type 1 isolate env causes an AIDS-like disease after in vivo passage in rhesus monkeys. <i>J Virol.</i> 1996 Oct;70(10):6922-8
C140	Reiss et al. Speed of progression to AIDS and degree of antibody response to accessory gene products of HIV-1. <i>J Med Virol.</i> 1990 Mar;30(3):163-8
C141	Reiss et al. Low antigenicity of HIV-1 rev: rev-specific antibody response of limited value as correlate of rev gene expression and disease progression. <i>AIDS Res Hum Retroviruses.</i> 1989 Dec;5(6):621-8. Erratum in: <i>AIDS Res Hum Retroviruses</i> 1990 Jan;6(1):171
C142	Riley et al. Intrinsic resistance to T cell infection with HIV type 1 induced by CD28 costimulation. <i>J Immunol.</i> 1997 Jun 1;158(11):5545-53
C143	Rinaldo et al. Anti-HIV type 1 cytotoxic T lymphocyte effector activity and disease progression in the first 8 years of HIV type 1 infection of homosexual men. <i>AIDS Res Hum Retroviruses.</i> 1995 Apr;11(4):481-9
C144	Rinaldo et al. High levels of anti-human immunodeficiency virus type 1 (HIV-1) memory cytotoxic T-lymphocyte activity and low viral load are associated with lack of disease in HIV-1-infected long-term nonprogressors. <i>J Virol.</i> 1995 Sep;69(9):5838-42
C145	Rodman et al. Epitopes for natural antibodies of human immunodeficiency virus (HIV)-negative (normal) and HIV-positive sera are coincident with two key functional sequences of HIV Tat protein. <i>Proc Natl Acad Sci U S A.</i> 1993 Aug 15;90(16):7719-23
C146	Rodman et al. Human immunodeficiency virus (HIV) Tat-reactive antibodies present in normal HIV-negative sera and depleted in HIV-positive sera. Identification of the epitope. <i>J Exp Med.</i> 1992 May 1;175(5):1247-53
C147	Rosenberg et al. Virus-induced cytokines regulate circulating lymphocyte levels during primary SIV infections. <i>Int Immunol.</i> 1997 May;9(5):703-12
C148	Rosenthal and Gallichan, Challenges for vaccination against sexually-transmitted diseases: induction and long-term maintenance of mucosal immune responses in the female genital tract. <i>Semin Immunol.</i> 1997 Oct;9(5):303-14
C149	Rush et al., in <i>Gram-Positive Bacteria as Vaccine Vehicles for Mucosal Immunization</i> . Pozzi & Well Eds., Landes, Austin, pp 107, (1997)
C150	Sadaie et al. Activation of tat-defective human immunodeficiency virus by ultraviolet light. <i>New Biol.</i> 1990 May;2(5):479-86
C151	Saiki et al. Enzymatic amplification of beta-globin genomic sequences and restriction site analysis for diagnosis of sickle cell anemia. <i>Science.</i> 1985 Dec 20;230(4732):1350-4
C152	Sakuragi et al. Infection of macaque monkeys with a chimeric human and simian immunodeficiency virus. <i>J Gen Virol.</i> 1992 Nov;73 (Pt 11):2983-7
C153	Salter et al. Genes regulating HLA class I antigen expression in T-B lymphoblast hybrids. <i>Immunogenetics.</i> 1985;21(3):235-46
C154	Schnorr et al. Induction of maturation of human blood dendritic cell precursors by measles virus is associated with immunosuppression. <i>Proc Natl Acad Sci U S A.</i> 1997 May 13;94(10):5326-31
C155	Sharma et al. Differential expression of cytokine genes in HIV-1 tat transfected T and B cell lines. <i>Biochem Biophys Res Commun.</i> 1995 Mar 17;208(2):704-13

C156	Shibata et al. Generation of a chimeric human and simian immunodeficiency virus infectious to monkey peripheral blood mononuclear cells. <i>J Virol.</i> 1991 Jul;65(7):3514-20
C157	Sipsas et al. Identification of type-specific cytotoxic T lymphocyte responses to homologous viral proteins in laboratory workers accidentally infected with HIV-1. <i>J Clin Invest.</i> 1997 Feb 15;99(4):752-62
C158	Sodroski et al. Trans-acting transcriptional regulation of human T-cell leukemia virus type III long terminal repeat. <i>Science.</i> 1985 Jan 11;227(4683):171-3
C159	Steinaa et al. Antibody to HIV-1 Tat protein inhibits the replication of virus in culture. <i>Arch Virol.</i> 1994;139(3-4):263-71
C160	Steinman RM. Dendritic cells and immune-based therapies. <i>Exp Hematol.</i> 1996 Jul;24(8):859-62
C161	Tahtinen et al. Fine specificity of the B-cell epitopes recognized in HIV-1 NEF by human sera. <i>Virology.</i> 1992 Mar;187(1):156-64
C162	Titti, F., De Rossi, A., Geraci, S., Corrias, F., Panzini, G.L., Sernicola, L., Maggiorella, M.T., Baroncelli, S., Fabiani, M., Amadori, A., Chieco-Bianchi, L., Verani, P.: Immunotherapy of SIV-infected macaca fascicularis with an inactivated whole SIV immunogen. <i>Cell Pharmacol</i> , 3, 269-276, 1996
C163	Trinchieri G. Function and clinical use of interleukin-12. <i>Curr Opin Hematol.</i> 1997 Jan;4(1):59-66
C164	van Baalen et al. Fine-specificity of cytotoxic T lymphocytes which recognize conserved epitopes of the Gag protein of human immunodeficiency virus type 1. <i>J Gen Virol.</i> 1996 Aug;77 (Pt 8):1659-65
C165	van Baalen et al. Human immunodeficiency virus type 1 Rev- and Tat-specific cytotoxic T lymphocyte frequencies inversely correlate with rapid progression to AIDS. <i>J Gen Virol.</i> 1997 Aug;78 (Pt 8):1913-8
C166	Vellutini et al. Development of lymphoid hyperplasia in transgenic mice expressing the HIV tat gene. <i>AIDS Res Hum Retroviruses.</i> 1995 Jan;11(1):21-9.
C167	Venet et al. Cytotoxic T lymphocyte response against multiple simian immunodeficiency virusA (SIV) proteins in SIV-infected macaques. <i>J Immunol.</i> 1992 May 1;148(9):2899-908
C168	Viscidi et al. Inhibition of antigen-induced lymphocyte proliferation by Tat protein from HIV-1. <i>Science.</i> 1989 Dec 22;246(4937):1606-8
C169	Vogel et al. The HIV tat gene induces dermal lesions resembling Kaposi's sarcoma in transgenic mice. <i>Nature.</i> 1988 Oct 13;335(6191):606-11
C170	Voss et al. Human immunodeficiency virus type 1 envelope glycoprotein-specific cytotoxic T lymphocytes in simian-human immunodeficiency virus-infected rhesus monkeys. <i>Virology.</i> 1995 Apr 20;208(2):770-5.
C171	Wain-Hobson S. The fastest genome evolution ever described: HIV variation in situ. <i>Curr Opin Genet Dev.</i> 1993 Dec;3(6):878-83
C172	Westendorp et al. Human immunodeficiency virus type 1 Tat upregulates interleukin-2 secretion in activated T cells. <i>J Virol.</i> 1994 Jul;68(7):4177-85
C173	Westendorp et al. Sensitization of T cells to CD95-mediated apoptosis by HIV-1 Tat and gp120. <i>Nature.</i> 1995 Jun 8;375(6531):497-500
C174	Wolf et al. Cloning of cDNA for natural killer cell stimulatory factor, a heterodimeric cytokine with multiple biologic effects on T and natural killer cells. <i>J Immunol.</i> 1991 May 1;146(9):3074-81
C175	Yang et al. The human immunodeficiency virus Tat proteins specifically associate with TAK in vivo and require the carboxyl-terminal domain of RNA polymerase II for function. <i>J Virol.</i> 1996 Jul;70(7):4576-84
C176	Yang et al. Efficient lysis of human immunodeficiency virus type 1-infected cells by cytotoxic T lymphocytes. <i>J Virol.</i> 1996 Sep;70(9):5799-806
C177	Yasutomi et al. Simian immunodeficiency virus-specific cytotoxic T-lymphocyte induction through DNA vaccination of rhesus monkeys. <i>J Virol.</i> 1996 Jan;70(1):678-81
C178	Zauli et al. The human immunodeficiency virus type-1 Tat protein upregulates Bcl-2 gene expression in Jurkat T-cell lines and primary peripheral blood mononuclear cells. <i>Blood.</i> 1995 Nov 15;86(10):3823-34
C179	Zauli et al. tat protein stimulates production of transforming growth factor-beta 1 by marrow macrophages: a potential mechanism for human immunodeficiency virus-1-induced hematopoietic suppression. <i>Blood.</i> 1992 Dec 15;80(12):3036-43
C180	Zauli et al. Pleiotropic effects of immobilized versus soluble recombinant HIV-1 Tat protein on CD3-mediated activation, induction of apoptosis, and HIV-1 long terminal repeat transactivation in purified CD4+ T lymphocytes. <i>J Immunol.</i> 1996 Sep 1;157(5):2216-24

C181	Zobel et al. Cationic polyhexylcyanoacrylate nanoparticles as carriers for antisense oligonucleotides. Antisense Nucleic Acid Drug Dev. 1997 Oct;7(5):483-93
C182	Gibellini et al. Upregulation of c-Fos in activated T lymphoid and monocytic cells by human immunodeficiency virus-1 Tat protein. Blood. 1997 Mar 1;89(5):1654-64.
C183	Baur et al. Viral culture and p24 antigenemia of human immunodeficiency virus (HIV)-infected individuals correlated with antibody profiles determined with recombinant polypeptides of all HIV-1 open-reading frames. J Infect Dis. 1992 Mar;165(3):419-26
C184	Klein et al. Kinetics of Gag-specific cytotoxic T lymphocyte responses during the clinical course of HIV-1 infection: a longitudinal analysis of rapid progressors and long-term asymptomatics. J Exp Med. 1995 Apr 1;181(4):1365-72
C185	Bowen et al. Mucosal delivery of herpes simplex virus vaccine. Res Virol. 1992 Jul-Aug;143(4):269-78
C186	Zamarchi et al. In vitro spontaneous production of anti-SIV antibodies is a reliable tool in the follow-up of protection of SIV-vaccinated monkeys. AIDS Res Hum Retroviruses. 1993 Nov;9(11):1139-44
C187	Fiore et al. Pokeweed mitogen-stimulated peripheral blood mononuclear cells from at-risk seronegative subjects produce in vitro HIV-1-specific antibodies. AIDS. 1991 Aug;5(8):1034-6
C188	Roman et al. Immunostimulatory DNA sequences function as T helper-1-promoting adjuvants. Nat Med. 1997 Aug;3(8):849-54
C189	Allen et al. A new strategy for attachment of antibodies to sterically stabilized liposomes resulting in efficient targeting to cancer cells. Biochim Biophys Acta. 1995 Jul 26;1237(2):99-108. Erratum in: Biochim Biophys Acta 1995 Dec 13;1240(2):285

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